

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/509787B  
Source: IFW/6  
Date Processed by STIC: 3/5/07

***ENTERED***



IFW16

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/509,787B

DATE: 03/05/2007  
TIME: 15:04:32

Input Set : A:\Sequence.txt  
Output Set: N:\CRF4\03052007\J509787B.raw

3 <110> APPLICANT: O'DOWD, BRIAN F.  
4 GEORGE, SUSAN R.  
6 <120> TITLE OF INVENTION: METHOD OF IDENTIFYING TRANSMEMBRANE PROTEIN-INTERACTING COMPOUNDS  
8 <130> FILE REFERENCE: 15872-2  
10 <140> CURRENT APPLICATION NUMBER: US 10/509,787B  
C--> 11 <141> CURRENT FILING DATE: 2005-05-23  
13 <150> PRIOR APPLICATION NUMBER: PCT/CA03/00542  
14 <151> PRIOR FILING DATE: 2003-04-11  
16 <150> PRIOR APPLICATION NUMBER: 60/371,704  
17 <151> PRIOR FILING DATE: 2002-04-12  
19 <150> PRIOR APPLICATION NUMBER: 60/442,556  
20 <151> PRIOR FILING DATE: 2003-01-27  
22 <150> PRIOR APPLICATION NUMBER: 60/422,891  
23 <151> PRIOR FILING DATE: 2002-11-01  
25 <150> PRIOR APPLICATION NUMBER: 60/387,570  
26 <151> PRIOR FILING DATE: 2002-06-12  
28 <150> PRIOR APPLICATION NUMBER: 60/379,419  
29 <151> PRIOR FILING DATE: 2002-05-13  
31 <160> NUMBER OF SEQ ID NOS: 159  
33 <170> SOFTWARE: PatentIn version 3.1  
35 <210> SEQ ID NO: 1  
36 <211> LENGTH: 49  
37 <212> TYPE: DNA  
38 <213> ORGANISM: Artificial Sequence  
40 <220> FEATURE:  
41 <223> OTHER INFORMATION: primer  
43 <400> SEQUENCE: 1  
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46 <210> SEQ ID NO: 2  
47 <211> LENGTH: 45  
48 <212> TYPE: DNA  
49 <213> ORGANISM: Artificial Sequence  
51 <220> FEATURE:  
52 <223> OTHER INFORMATION: primer  
54 <400> SEQUENCE: 2  
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58 <211> LENGTH: 51  
59 <212> TYPE: DNA  
62 <213> ORGANISM: Artificial Sequence  
64 <220> FEATURE:  
65 <223> OTHER INFORMATION: primer  
67 <400> SEQUENCE: 3

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68 cctaagaggg ttgaaaatct tttaaatttt ttagcattaa aggataaat g 51  
 71 <210> SEQ ID NO: 4  
 72 <211> LENGTH: 48  
 73 <212> TYPE: DNA  
 74 <213> ORGANISM: Artificial Sequence  
 76 <220> FEATURE:  
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 79 <400> SEQUENCE: 4  
 80 gcctttaatg ctaaaaaattt taaaagattt tcaaccctct taggatgc 48  
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 84 <211> LENGTH: 19  
 85 <212> TYPE: PRT  
 86 <213> ORGANISM: Artificial Sequence  
 88 <220> FEATURE:  
 89 <223> OTHER INFORMATION: synthesized  
 91 <400> SEQUENCE: 5  
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 94 1 5 10 15  
 96 Thr Leu Leu  
 99 <210> SEQ ID NO: 6  
 100 <211> LENGTH: 19  
 101 <212> TYPE: PRT  
 102 <213> ORGANISM: Artificial Sequence  
 104 <220> FEATURE:  
 105 <223> OTHER INFORMATION: synthesized  
 107 <400> SEQUENCE: 6  
 109 Asn Pro Ile Ile Tyr Ala Phe Asn Ala Lys Lys Phe Lys Arg Phe Ser  
 110 1 5 10 15  
 112 Thr Leu Leu  
 115 <210> SEQ ID NO: 7  
 116 <211> LENGTH: 27  
 117 <212> TYPE: DNA  
 118 <213> ORGANISM: Artificial Sequence  
 120 <220> FEATURE:  
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 123 <400> SEQUENCE: 7  
 124 tacccttacg acgtgccgga ttacgcc 27  
 127 <210> SEQ ID NO: 8  
 128 <211> LENGTH: 9  
 129 <212> TYPE: PRT  
 130 <213> ORGANISM: Artificial Sequence  
 132 <220> FEATURE:  
 133 <223> OTHER INFORMATION: synthesized  
 135 <400> SEQUENCE: 8  
 137 Tyr Pro Tyr Asp Val Pro Asp Tyr Ala  
 138 1 5  
 140 <210> SEQ ID NO: 9  
 141 <211> LENGTH: 84  
 142 <212> TYPE: DNA

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146 <223> OTHER INFORMATION: primer
148 <400> SEQUENCE: 9
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151 gcaaggactc tgaacacctc tgcc                                84
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156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: primer
162 <400> SEQUENCE: 10
163 ggccgcgcagc tgcgagttca gggtgggtgc tgaccg      36
166 <210> SEQ ID NO: 11
167 <211> LENGTH: 16
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169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: synthesized
174 <400> SEQUENCE: 11
176 Met Arg Thr Leu Asn Thr Ser Ala Met Asp Gly Thr Gly Leu Val Val
177 1           5           10          15
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180 <211> LENGTH: 26
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: synthesized
187 <400> SEQUENCE: 12
189 Met Gly Tyr Pro Tyr Asp Val Pro Asp Tyr Ala Arg Thr Leu Asn Thr
190 1           5           10          15
192 Ser Ala Met Asp Gly Thr Gly Leu Val Val
193           20          25
195 <210> SEQ ID NO: 13
196 <211> LENGTH: 36
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: primer
203 <400> SEQUENCE: 13
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208 <211> LENGTH: 36
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: primer
215 <400> SEQUENCE: 14

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216 gtttctcttt tgaacttctt cttaaaagaa ctttcc          36
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224 <220> FEATURE:
225 <223> OTHER INFORMATION: synthesized
227 <400> SEQUENCE: 15
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230 1           5           10           15
232 Leu
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237 <211> LENGTH: 17
238 <212> TYPE: PRT
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: synthesized
244 <400> SEQUENCE: 16
246 Gln Pro Glu Ser Ser Phe Lys Lys Lys Phe Lys Arg Glu Thr Lys Val
247 1           5           10           15
249 Leu
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253 <211> LENGTH: 37
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: primer
260 <400> SEQUENCE: 17
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265 <211> LENGTH: 39
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: primer
272 <400> SEQUENCE: 18
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276 <210> SEQ ID NO: 19
277 <211> LENGTH: 18
278 <212> TYPE: PRT
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: synthesized
284 <400> SEQUENCE: 19
286 Asn Pro Phe Arg Tyr Glu Arg Lys Met Thr Pro Lys Ala Ala Phe Ile
287 1           5           10           15
289 Leu Ile
292 <210> SEQ ID NO: 20
294 <211> LENGTH: 18

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Input Set : A:\Sequence.txt

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295 <212> TYPE: PRT  
 296 <213> ORGANISM: Artificial Sequence  
 298 <220> FEATURE:  
 299 <223> OTHER INFORMATION: synthesized  
 301 <400> SEQUENCE: 20  
 303 Asn Pro Phe Arg Tyr Glu Lys Lys Phe Lys Arg Lys Ala Ala Phe Ile  
 304 1                   5                   10                   15  
 306 Leu Ile  
 309 <210> SEQ ID NO: 21  
 310 <211> LENGTH: 39  
 311 <212> TYPE: DNA  
 312 <213> ORGANISM: Artificial Sequence  
 314 <220> FEATURE:  
 315 <223> OTHER INFORMATION: primer  
 317 <400> SEQUENCE: 21  
 318 gtgctgccgt taaaaagttc aaacgcctgc ggtccaaagg                   39  
 321 <210> SEQ ID NO: 22  
 322 <211> LENGTH: 40  
 323 <212> TYPE: DNA  
 324 <213> ORGANISM: Artificial Sequence  
 326 <220> FEATURE:  
 327 <223> OTHER INFORMATION: primer  
 329 <400> SEQUENCE: 22  
 330 ggaccgcagg cgtttgaact ttttaacggc agcacagacc                   40  
 333 <210> SEQ ID NO: 23  
 334 <211> LENGTH: 18  
 335 <212> TYPE: PRT  
 336 <213> ORGANISM: Artificial Sequence  
 338 <220> FEATURE:  
 339 <223> OTHER INFORMATION: synthesized  
 341 <400> SEQUENCE: 23  
 343 Leu Val Cys Ala Ala Val Ile Arg Phe Arg His Leu Arg Ser Lys Val  
 344 1                   5                   10                   15  
 346 Thr Asn  
 349 <210> SEQ ID NO: 24  
 350 <211> LENGTH: 18  
 352 <212> TYPE: PRT  
 353 <213> ORGANISM: Artificial Sequence  
 355 <220> FEATURE:  
 356 <223> OTHER INFORMATION: synthesized  
 358 <400> SEQUENCE: 24  
 360 Leu Val Cys Ala Ala Val Lys Lys Phe Lys Arg Leu Arg Ser Lys Val  
 361 1                   5                   10                   15  
 363 Thr Asn  
 366 <210> SEQ ID NO: 25  
 367 <211> LENGTH: 44  
 368 <212> TYPE: DNA  
 369 <213> ORGANISM: Artificial Sequence  
 371 <220> FEATURE:

RAW SEQUENCE LISTING ERROR SUMMARY                    DATE: 03/05/2007  
PATENT APPLICATION: US/10/509,787B                    TIME: 15:04:33

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:109; Xaa Pos. 14  
Seq#:110; Xaa Pos. 14  
Seq#:130; Xaa Pos. 4  
Seq#:131; Xaa Pos. 3  
Seq#:134; Xaa Pos. 5  
Seq#:142; Xaa Pos. 4  
Seq#:146; Xaa Pos. 4  
Seq#:148; Xaa Pos. 6  
Seq#:150; Xaa Pos. 6  
Seq#:151; Xaa Pos. 3  
Seq#:152; Xaa Pos. 5  
Seq#:153; Xaa Pos. 4  
Seq#:154; Xaa Pos. 3  
Seq#:155; Xaa Pos. 5

**VERIFICATION SUMMARY**

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Input Set : A:\Sequence.txt

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:1424 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:0  
L:1445 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110 after pos.:0  
L:1715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130 after pos.:0  
L:1733 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131 after pos.:0  
L:1778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:134 after pos.:0  
L:1802 M:283 W: Missing Blank Line separator, <400> field identifier  
L:1892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:142 after pos.:0  
L:1951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:146 after pos.:0  
L:1987 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:148 after pos.:0  
L:2021 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:150 after pos.:0  
L:2039 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151 after pos.:0  
L:2062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152 after pos.:0  
L:2080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153 after pos.:0  
L:2099 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:154 after pos.:0  
L:2117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155 after pos.:0